

1578 Highway 44 East, Suite 6 P.O. Box 369 Shepherdsville, KY 40165-0369 Phone (502) 955-4400 or (800) 516-4293 Fax (502) 543-4410 or (800) 541-4410

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May 25, 2005

PUBLIC SERVICE COMMISSION

## **VIA US MAIL**

Susan G. Hutcherson Filings Division Manager, Docket Branch Kentucky Public Service Commission P.O. Box 615 Frankfort, KY 40602-0615

Re:

PSC Case No.: 2005-00059 Verizon Site Name: Chenault

Dear Susan:

Please accept this letter and the attached correspondence to counsel for Bluegrass Farms and Woodlands, LLC as an official filing in the above-referenced Public Service Commission action. Thank you for your assistance and do not hesitate to contact us if you have any comments or questions concerning this matter.

Sincerely,

Claire J. Lemme

Attorney for Cellco Partnership,

d/b/a Verizon Wireless

enclosures



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May 25, 2005

RECEIVED

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PUBLIC SERVICE COMMISSION

## Via First Class Mail

Kirk A. Correll 115 East Main Street Stanford, KY 40484

RE: Application to Construct Wireless Communications Facility

Location: Ky Hwy 34 & Chenault Bridge Road, Lancaster, KY 40444

Applicant: Cellco Partnership, d/b/a Verizon Wireless

Site Name: Chenault

Dear Mr. Correll:

Thank you for your interest in Verizon Wireless's efforts to provide improved wireless service to Garrard County, Kentucky. This letter is a response to your inquiries concerning our proposed facility. Considerable care went into identifying the Bryant's property as the best viable location for the proposed tower, as discussed below.

The proposed tower is necessary for Verizon Wireless to meet its coverage obligations under its FCC license for the Lexington area, and to provide service to users along US 27. Verizon Wireless has no active towers in Garrard County. The nearest tower used by Verizon Wireless is 12 miles away, south of Nicholasville.

The Bryant property was chosen as the site of the proposed tower because there were no viable collocation structures within the search area. Indeed, there are no viable collocation options within one mile of the search area. The Bryant property had the highest elevation among the three new-build candidates considered for this site, which included the Bryant site and properties owned by Robinson Auto Sales and Joe Brogle respectively. Moreover, Verizon Wireless's radio frequency engineers ultimately determined that the Robinson Auto Sales location did not meet the line-of-sight requirements to fulfill the tower's intended purpose.

The preferred distance between towers is based on numerous factors, including but not limited to: terrain; frequency; elevation; antenna centerline; antennas; and usage (as each cell site has a finite capacity). Verizon Wireless's license for Garrard County is for PCS service. PCS towers typically need to be located within three to four miles of one another – less if the usage level is high – in order to "hand off" signals effectively (relay calls

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from one cell site to the next). The towers' ranges must overlap in order for a "hand off" to occur. The proposed tower has a projected range of 2.5 miles.

I hope that this information has resolved your concerns regarding the proposed cellular communications facility. If you have further questions, please do not hesitate to contact me.

Sincerely

avid A. Pike

Pike Legal Group, PLLC